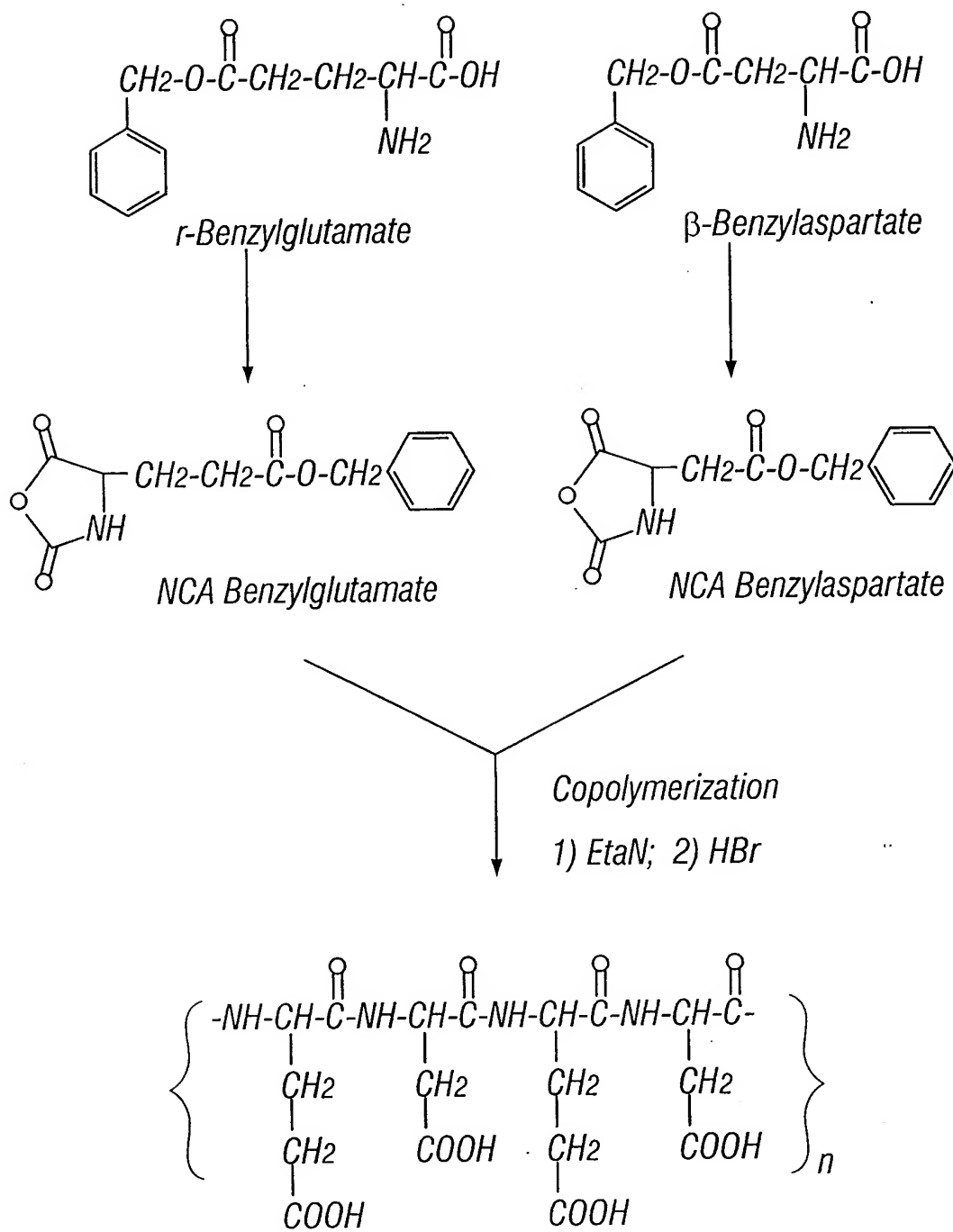


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Poly(glutamic/aspartic acid)

FIG. 1A

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Mol Percent Report

Sample = ID: 01402017 (initiated 1/15/99 6:14am) BASELINE CORRECTED

<i>Turntable Position</i>	<i>: 68</i>	<i>Sampling Interval</i>	<i>: 1.0 sec</i>
<i>Data Start</i>	<i>: 3.00 min</i>	<i>Samples In Run</i>	<i>: 72</i>
<i>Data Duration</i>	<i>: 16.00 min</i>	<i>Operator ID</i>	<i>:</i>
<i>Peak Ht Threshold</i>	<i>: 3000 uAU</i>	<i>Int. Std. Amt</i>	<i>: 250 pmol</i>

<i>Calibration File</i>	<i>: 14 JANCAL</i>	<i>(initiated 1/15/99 9:44am)</i>
<i>Reference Time</i>	<i>: 0.00 min</i>	<i>(No ISTD Peak Specified)</i>
<i>Reference Offset 1</i>	<i>: 0.03 min</i>	
<i>Reference Offset 2</i>	<i>: 0.00 min</i>	

Integration Interval : 0.0 to 16.0 min

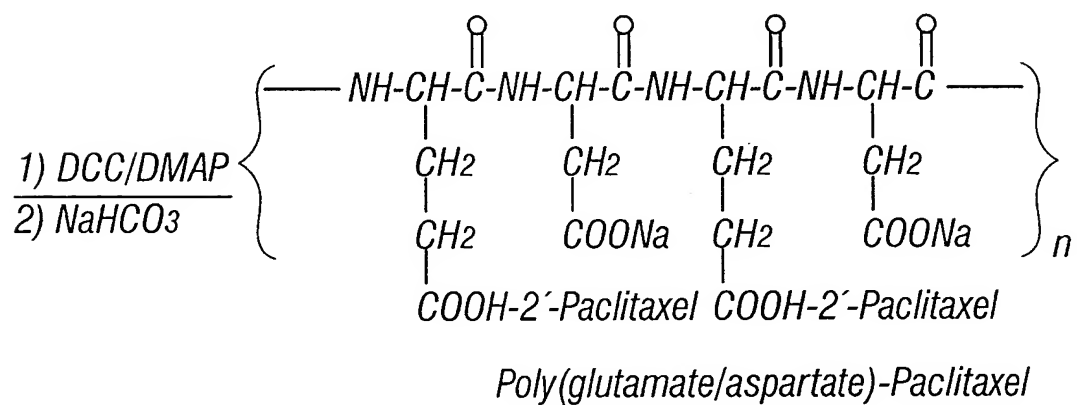
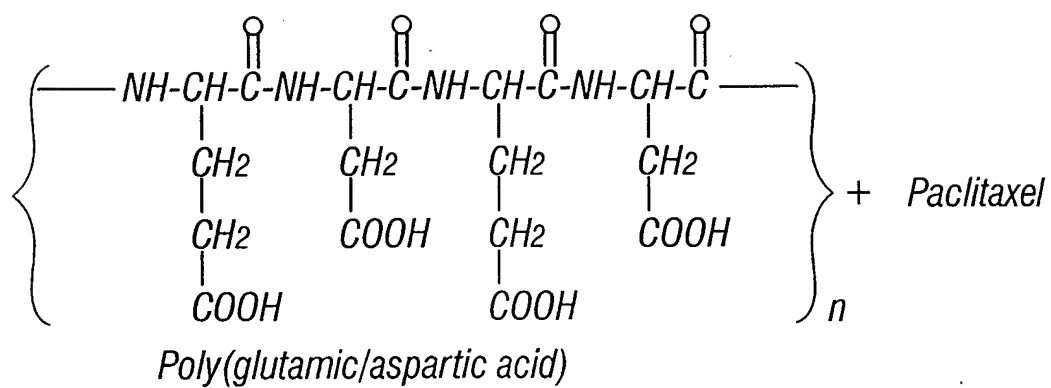
	<i>PEAK</i>	<i>RET.</i>	<i>PMOL</i>	<i>PMOL</i>	
	<i>ID</i>	<i>TIME</i>	<i>BY</i>	<i>correc.</i>	<i>MOL</i>
		<i>min</i>	<i>HEIGHT</i>	<i>INT SYC</i>	<i>%</i>
<i>ASX</i>		<i>2.22</i>	<i>1054.53</i>	<i>0.00</i>	<i>30.74 (aspartic acid)</i>
<i>GLX</i>		<i>2.65</i>	<i>2375.83</i>	<i>0.00</i>	<i>69.26 (glutamic acid)</i>

TOTAL PMOLS RECOVERED 3430.36

<i>Minimum Peak Threshold:</i>	<i>3000 uAU</i>	<i>(SS peaks below threshold)</i>
		<i>(9 peaks found)</i>
		<i>(2 peaks matched)</i>

FIG. 1B

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Paclitaxel

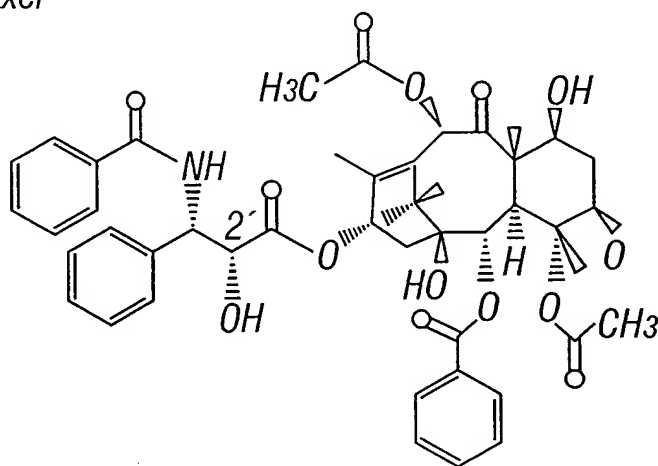


FIG. 2A

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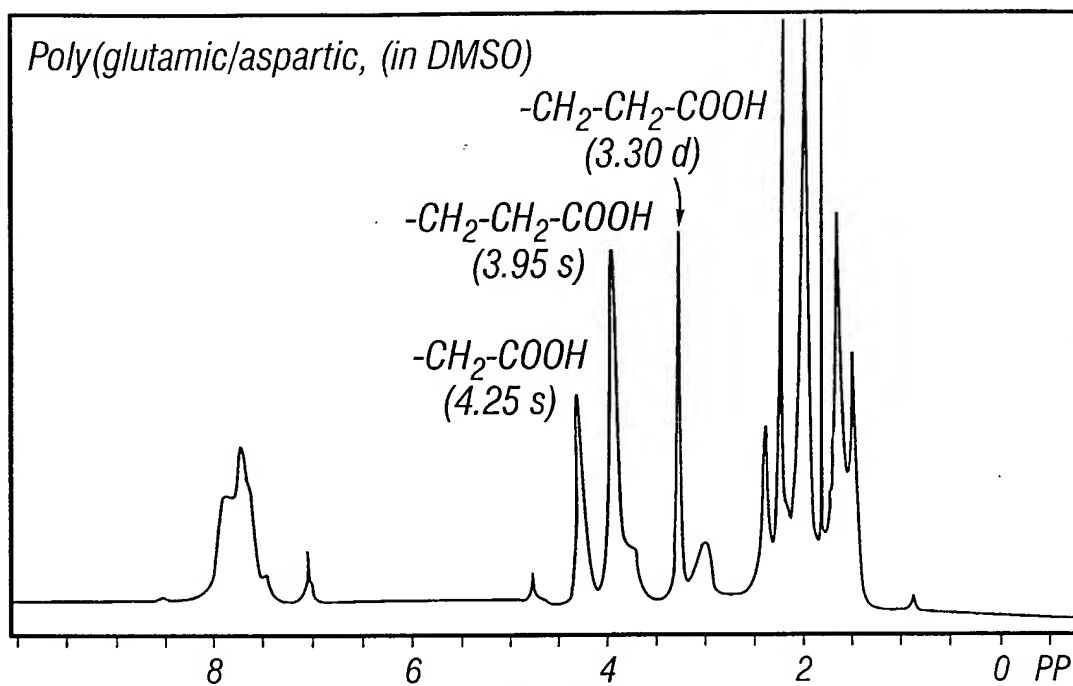


FIG. 2B

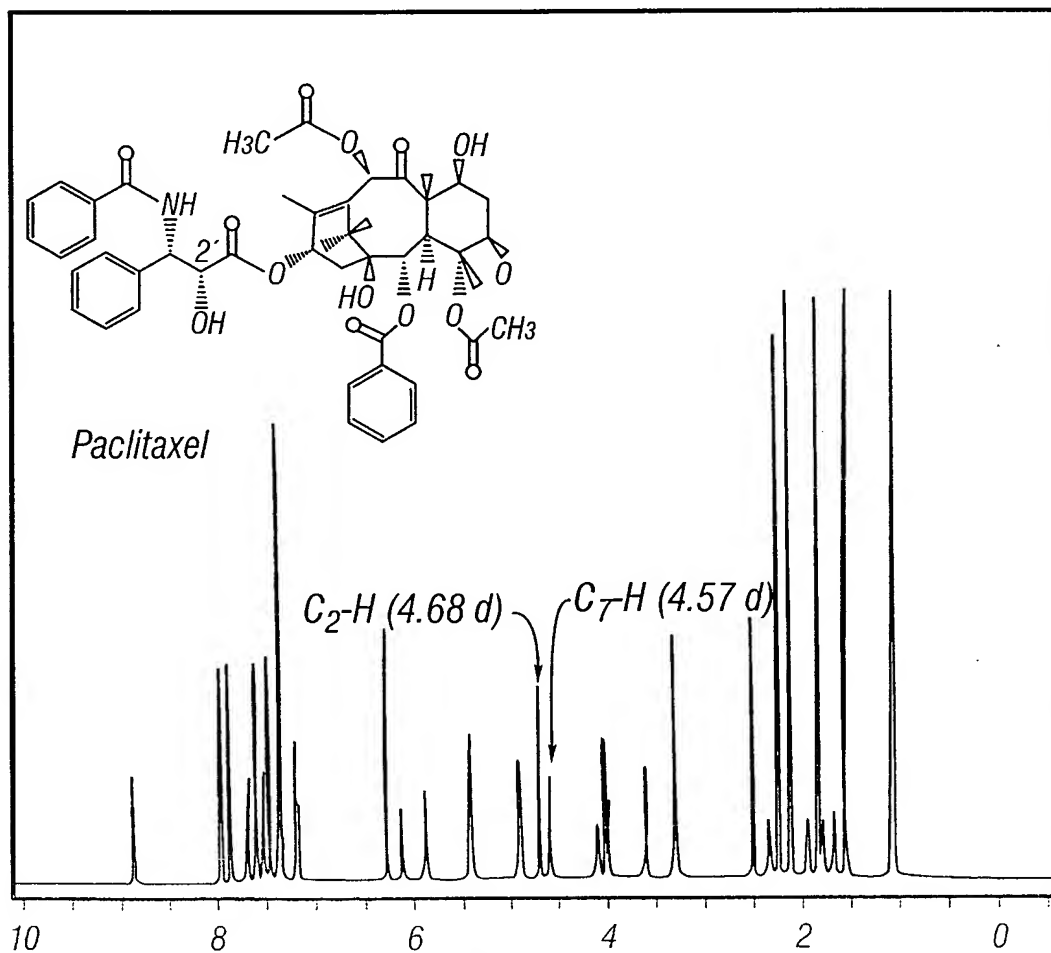


FIG. 2C

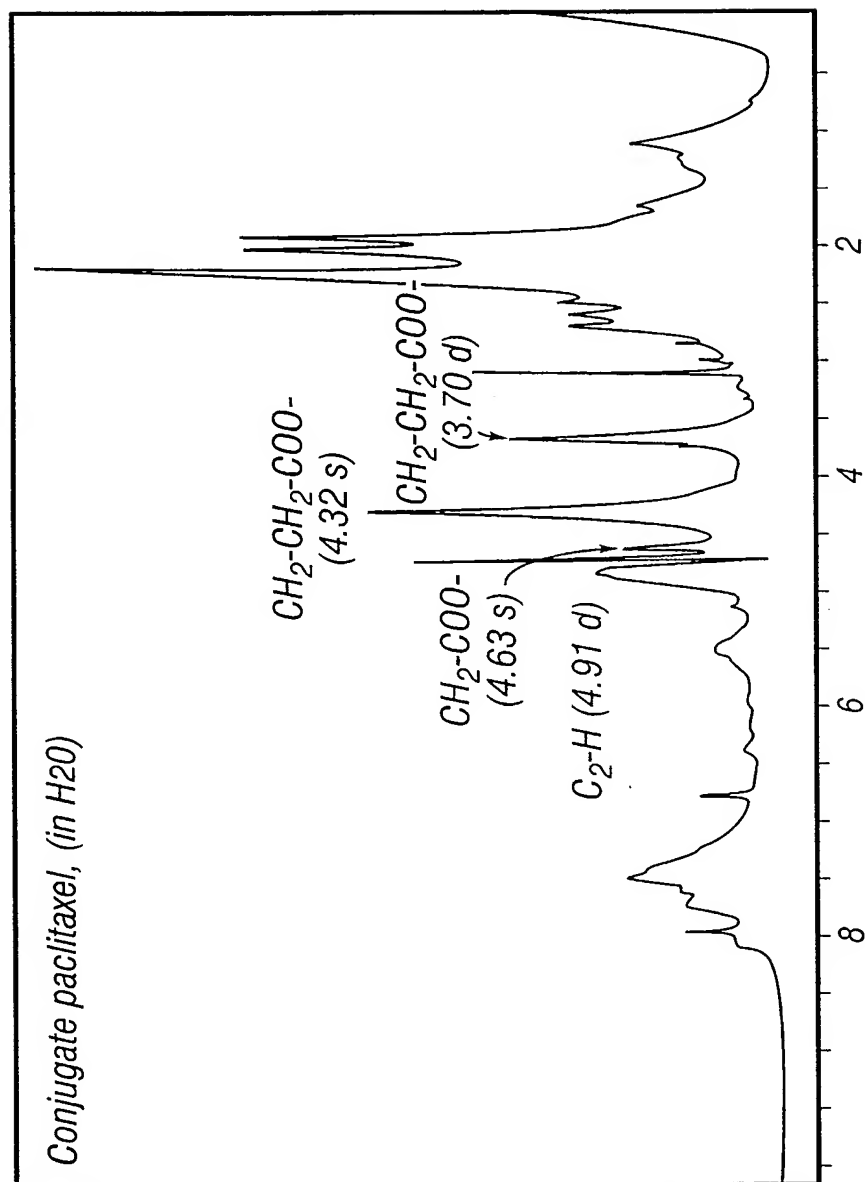


FIG. 2D

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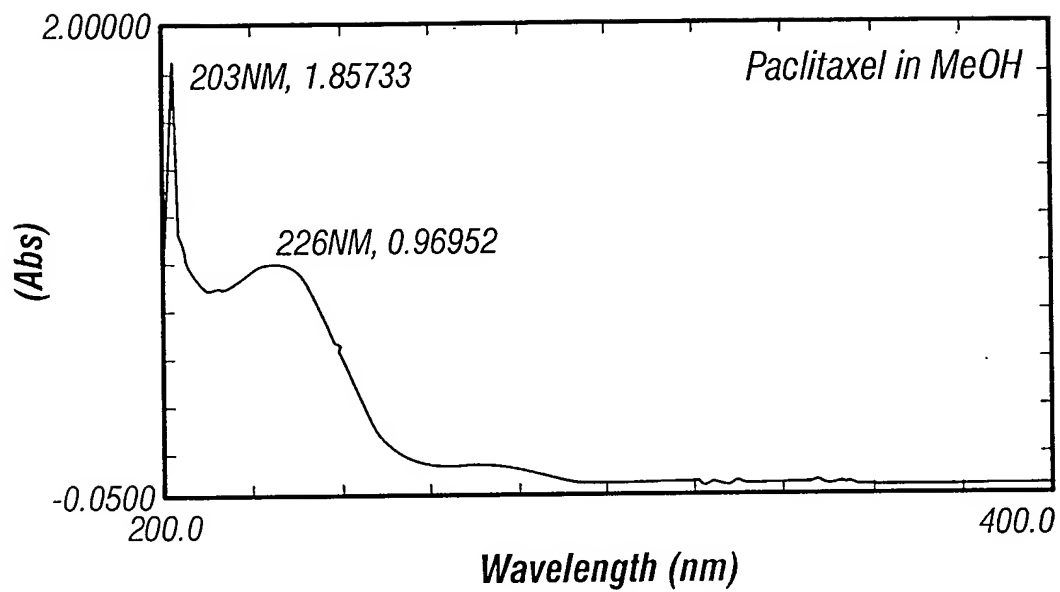


FIG. 3A

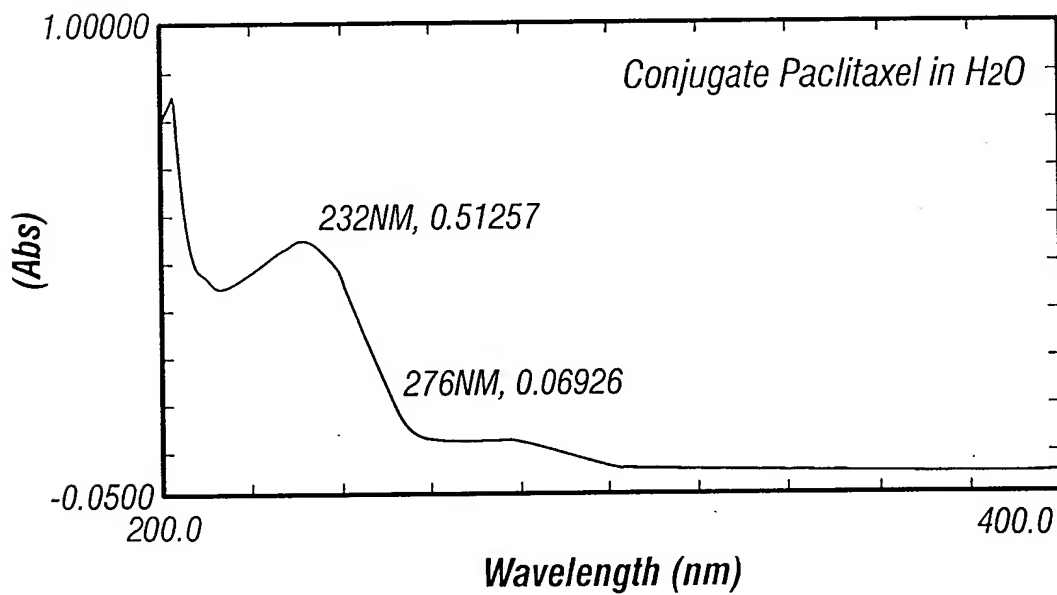


FIG. 3B

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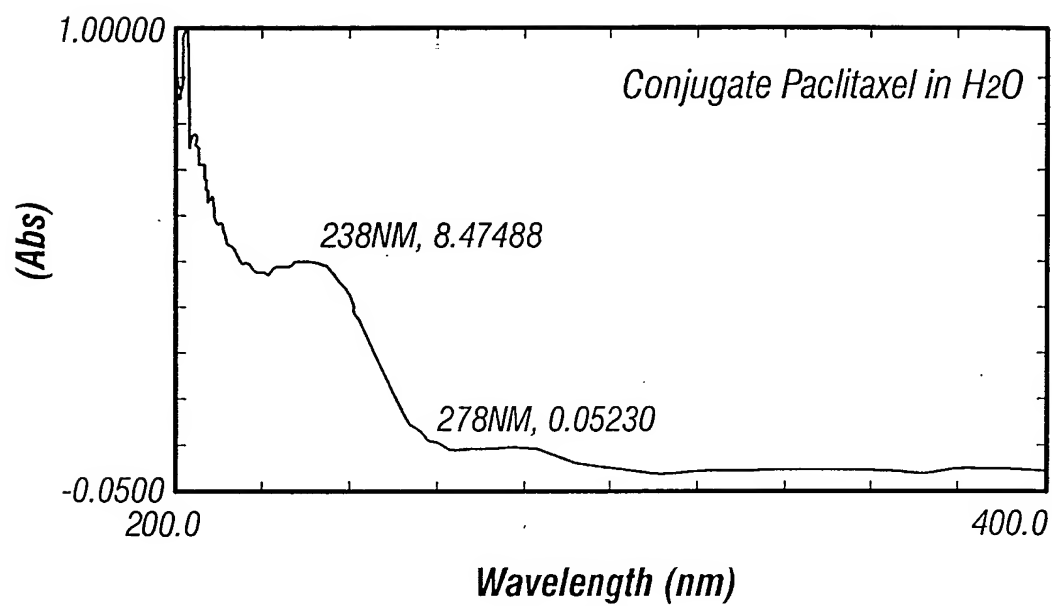


FIG. 4A

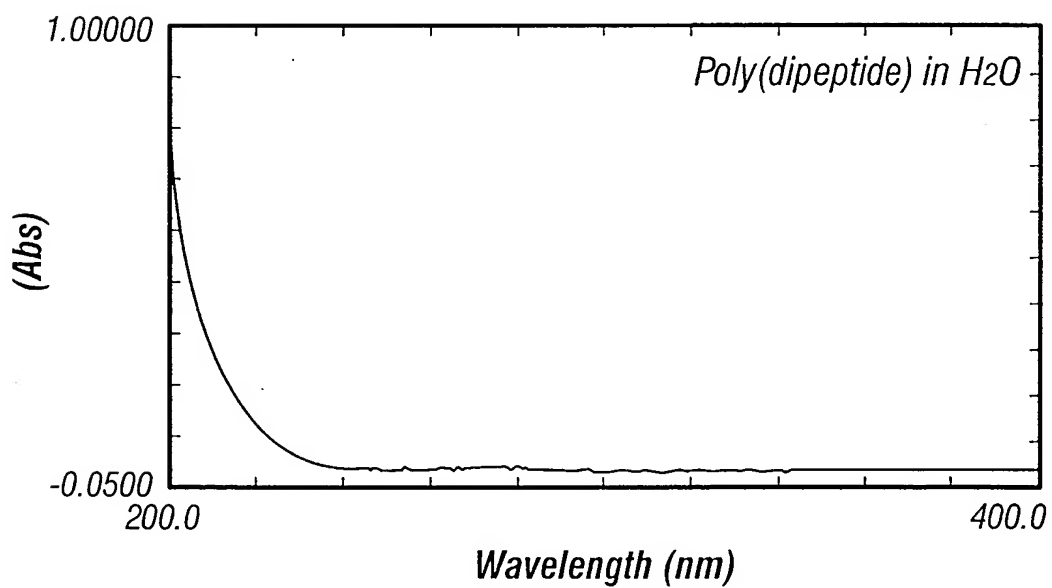


FIG. 4B

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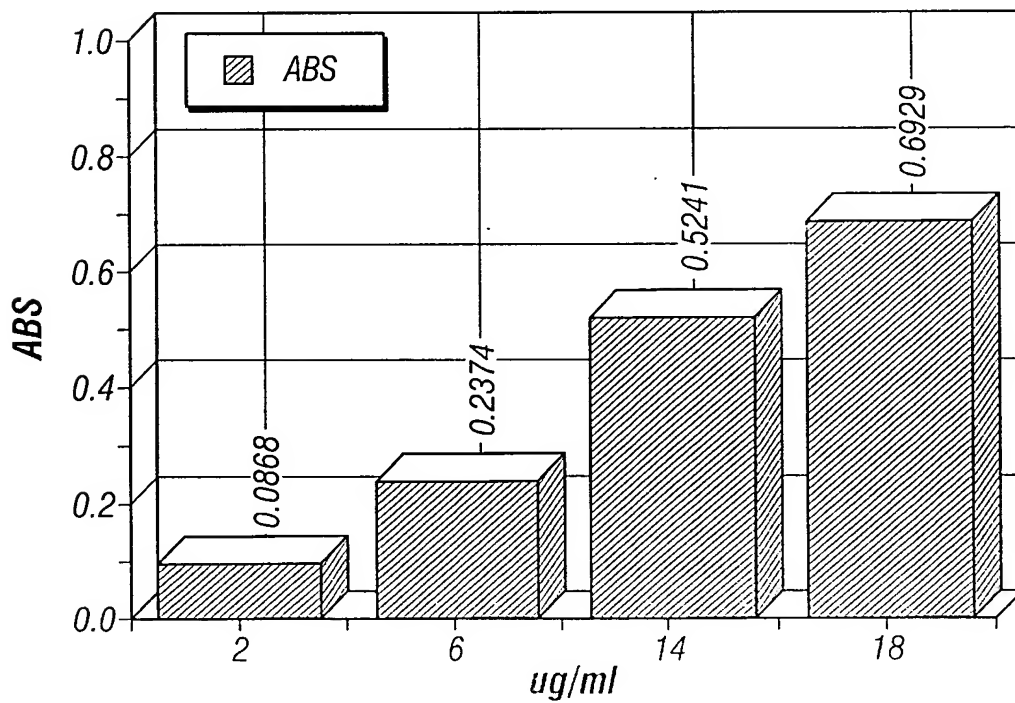
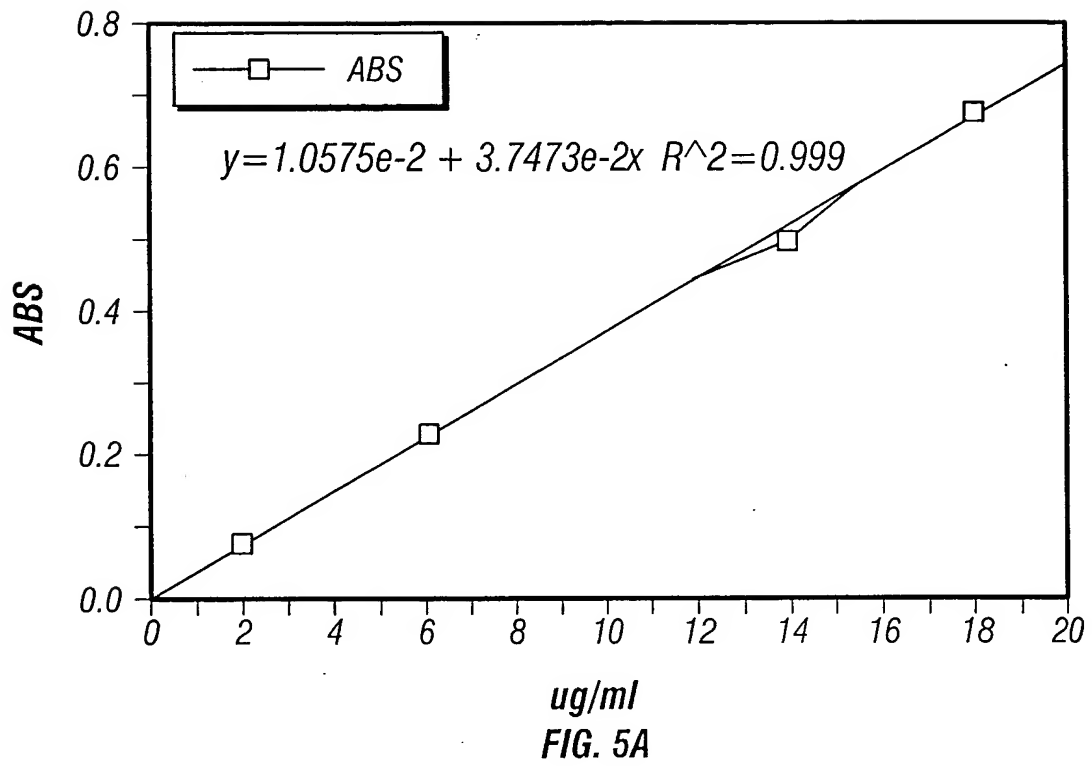


FIG. 5B

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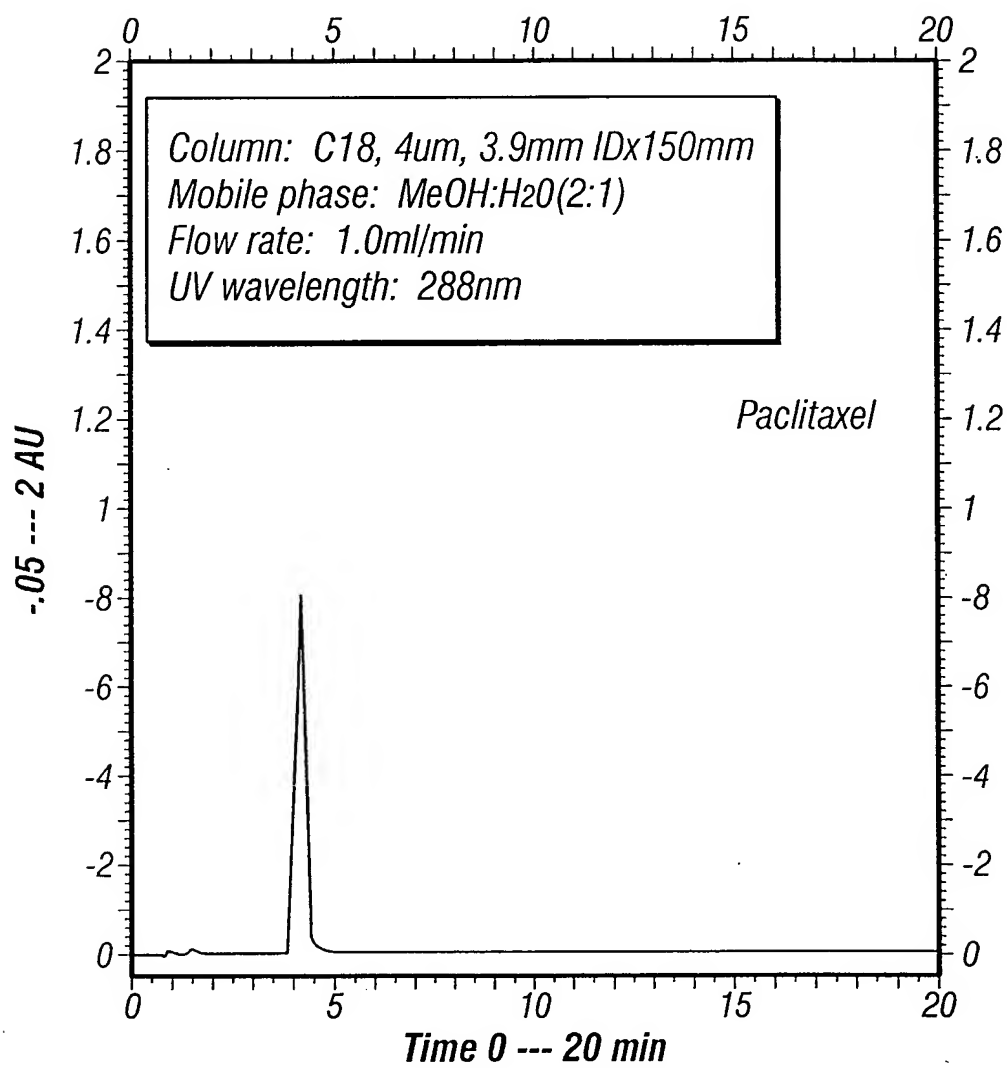


FIG. 6

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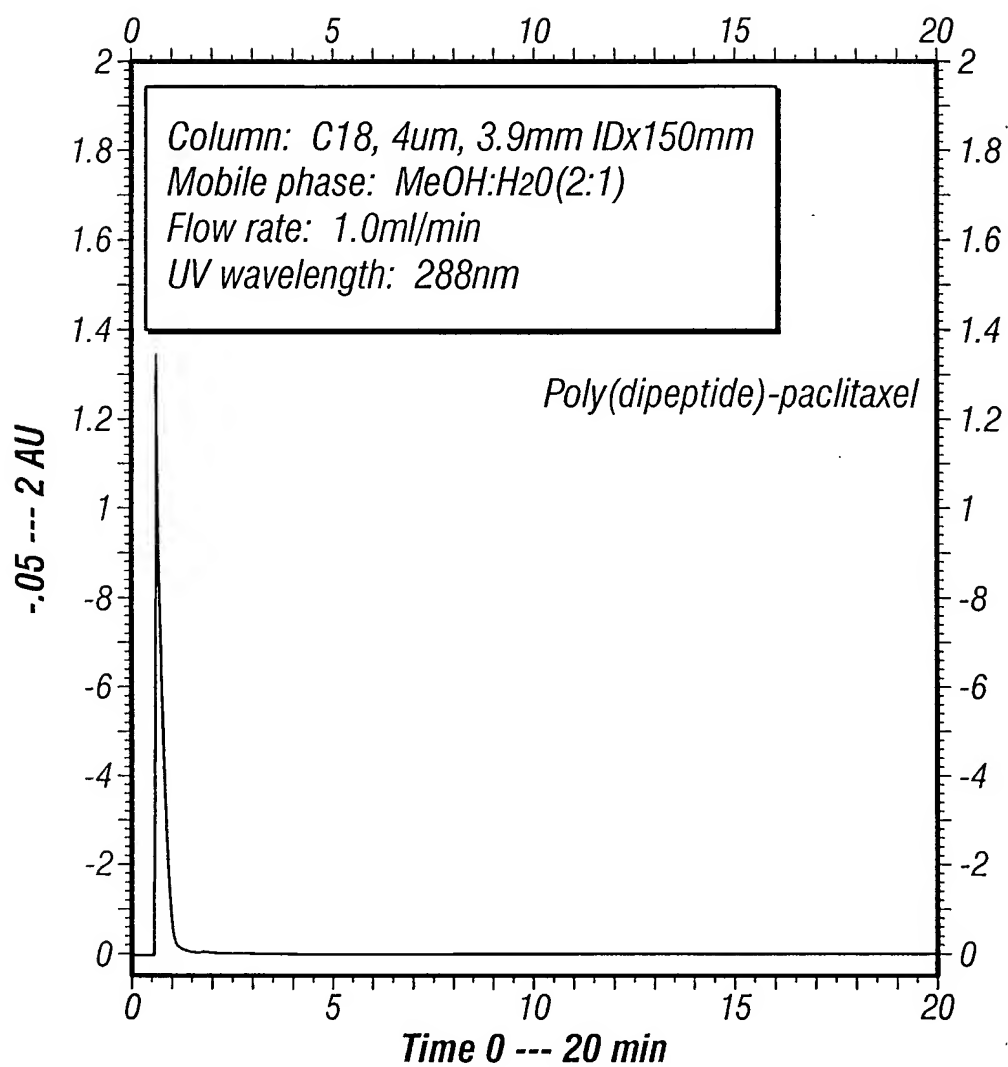


FIG. 7

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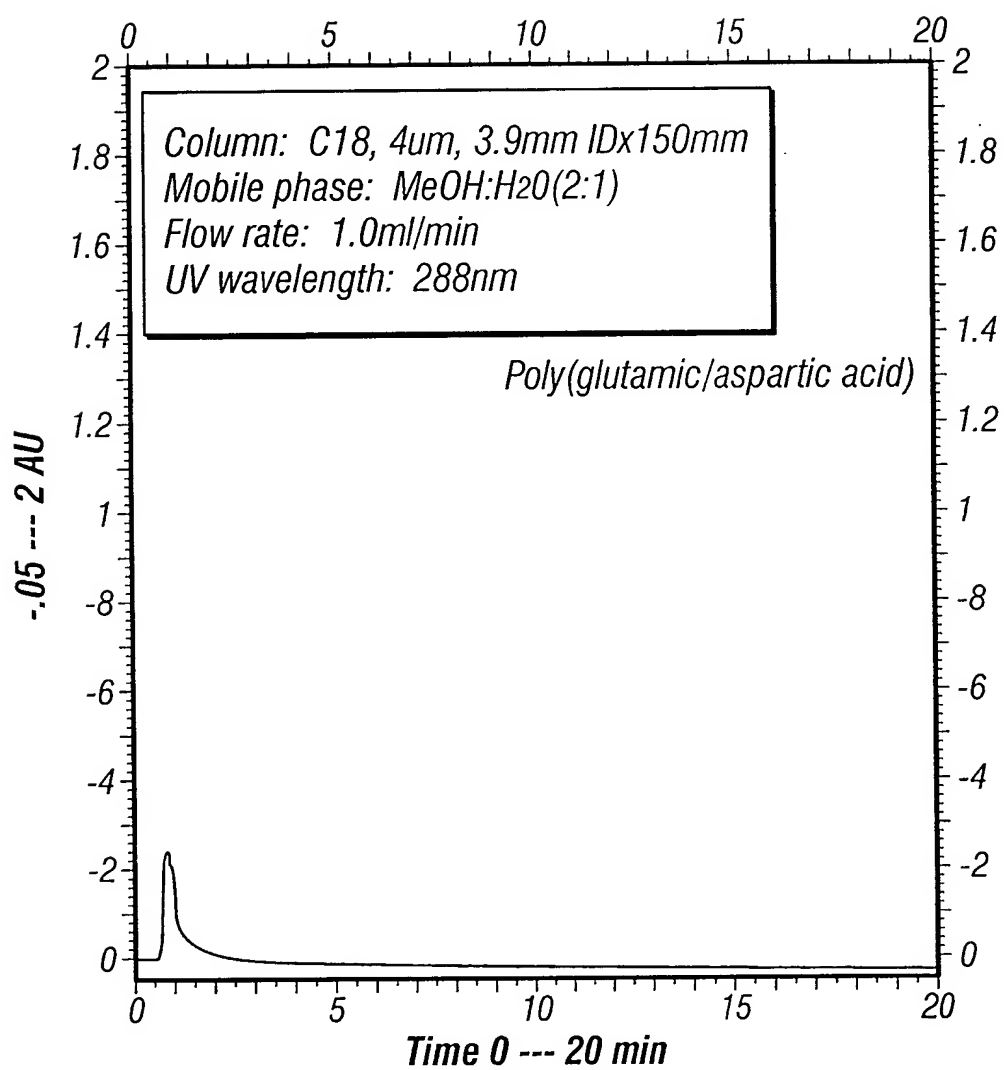


FIG. 8

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Column: C18, 4 μ m, 3.9mm IDx150mm
Mobile phase: MeOH:H₂O(2:1)
Flow rate: 1.0ml/min
UV wavelength: 288nm

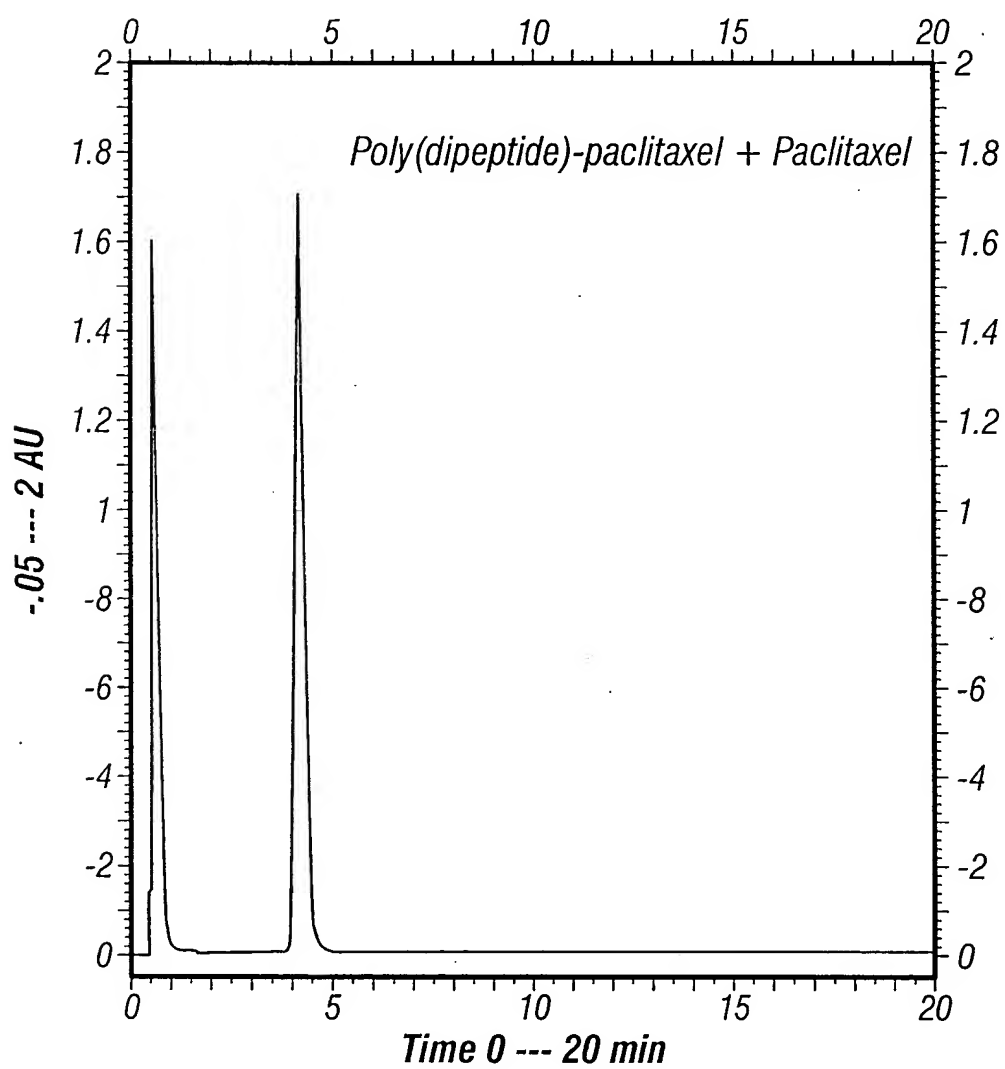


FIG. 9A

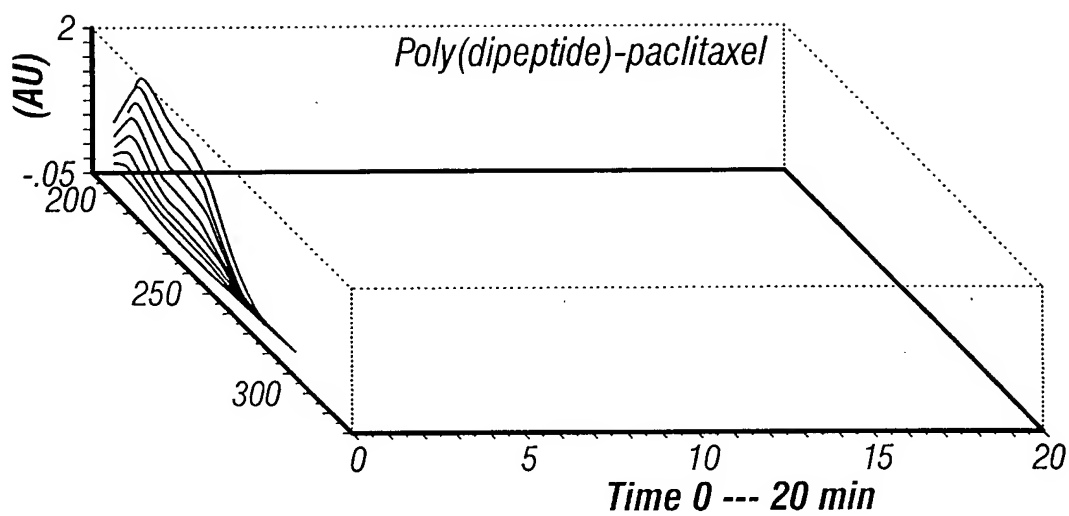


FIG. 9B

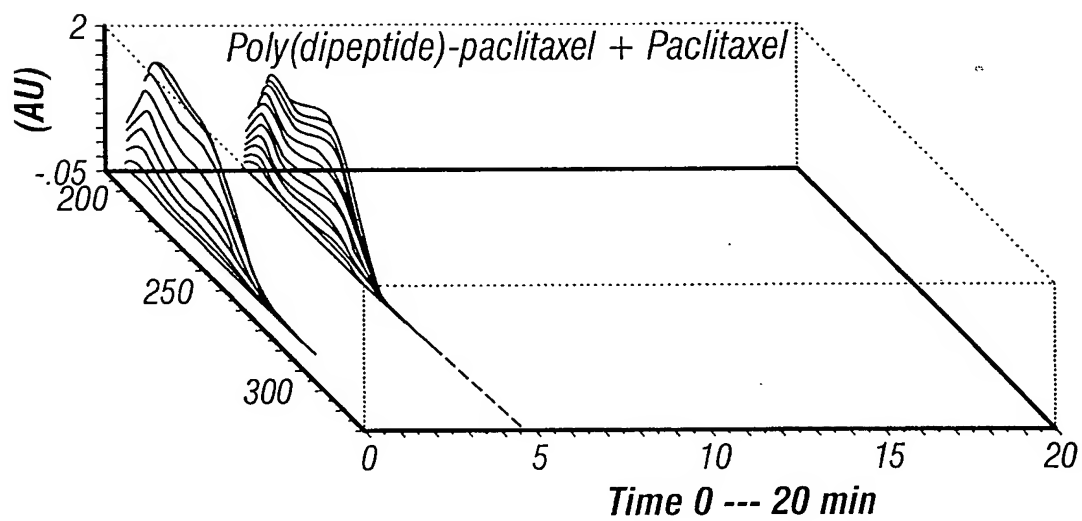


FIG. 9C

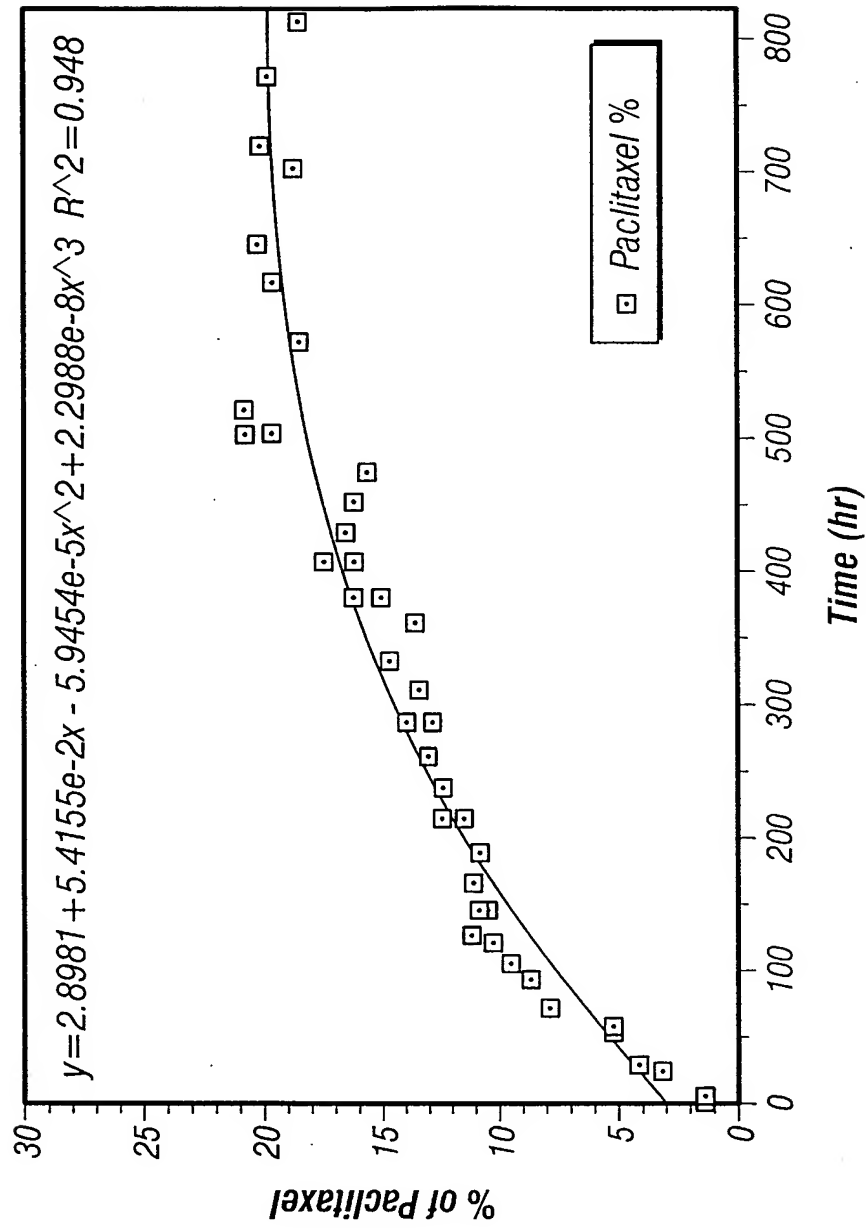


FIG. 9D

$$K = \frac{2.303}{t} \log \frac{C_0}{C} = \frac{2.303}{814 \text{ hrs}} \log \frac{98.623\%}{81.225\%} = 2.3847 \times 10^{-4} \text{ hrs}$$

$$\text{Half Life } t_{1/2} = \frac{2.303}{K} \log \frac{C_0}{\frac{C_0}{2}} = \frac{2.303}{K} \log 2 = \frac{0.693}{2.3847 \times 10^{-4} \text{ hrs}} = 2906.0 \text{ hrs} = 121.08 \text{ days}$$

$$\text{Useful Life } t_{1/10} = \frac{2.303}{K} \log \frac{100}{10} = \frac{2.303}{K} \log 10 = \frac{0.1054}{2.3847 \times 10^{-4} \text{ hrs}} = 441.98 \text{ hrs} = 18.4 \text{ days}$$

FIG. 9E

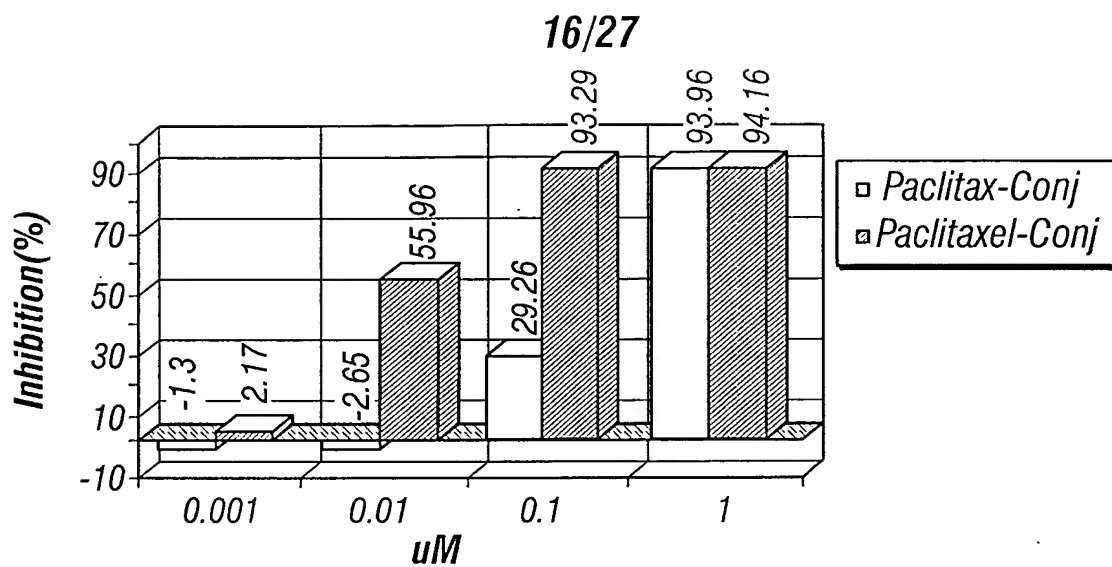


FIG. 9F-1

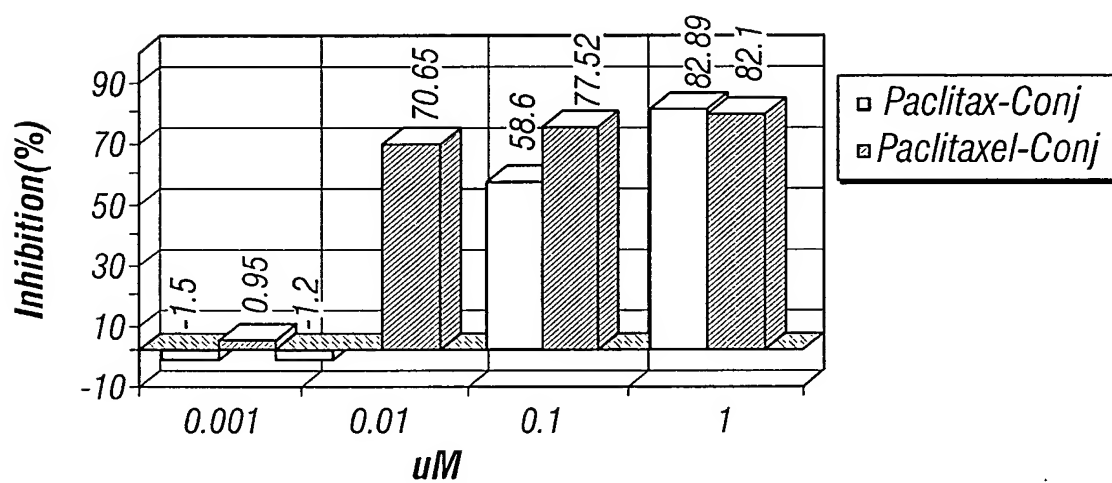


FIG. 9F-2

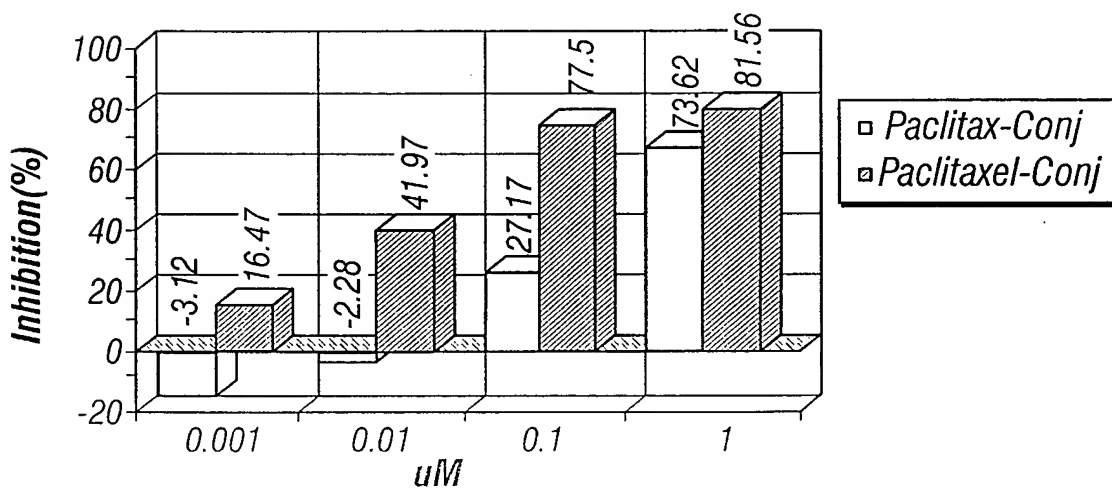


FIG. 9F-3

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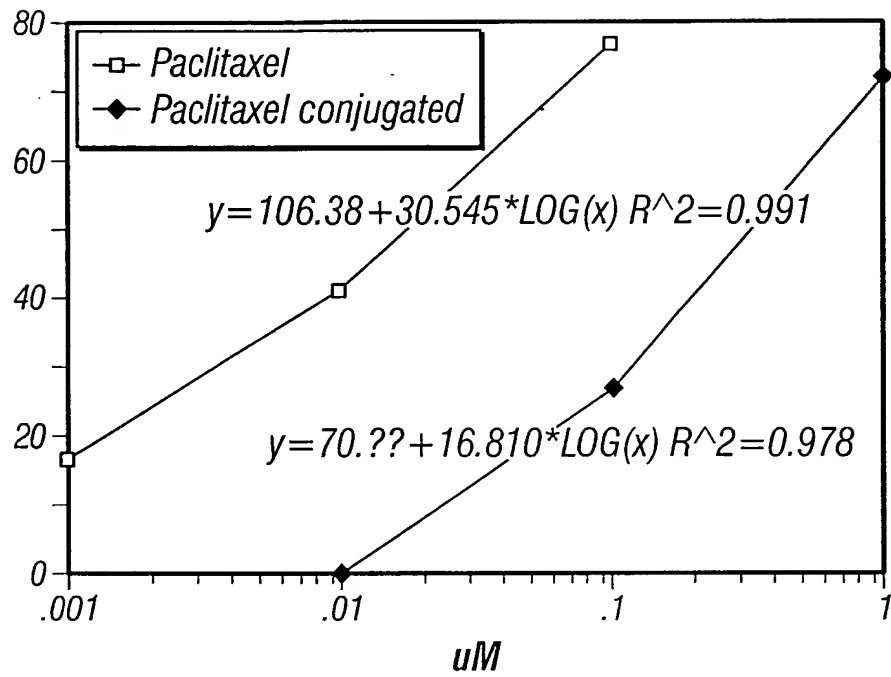


FIG. 9G

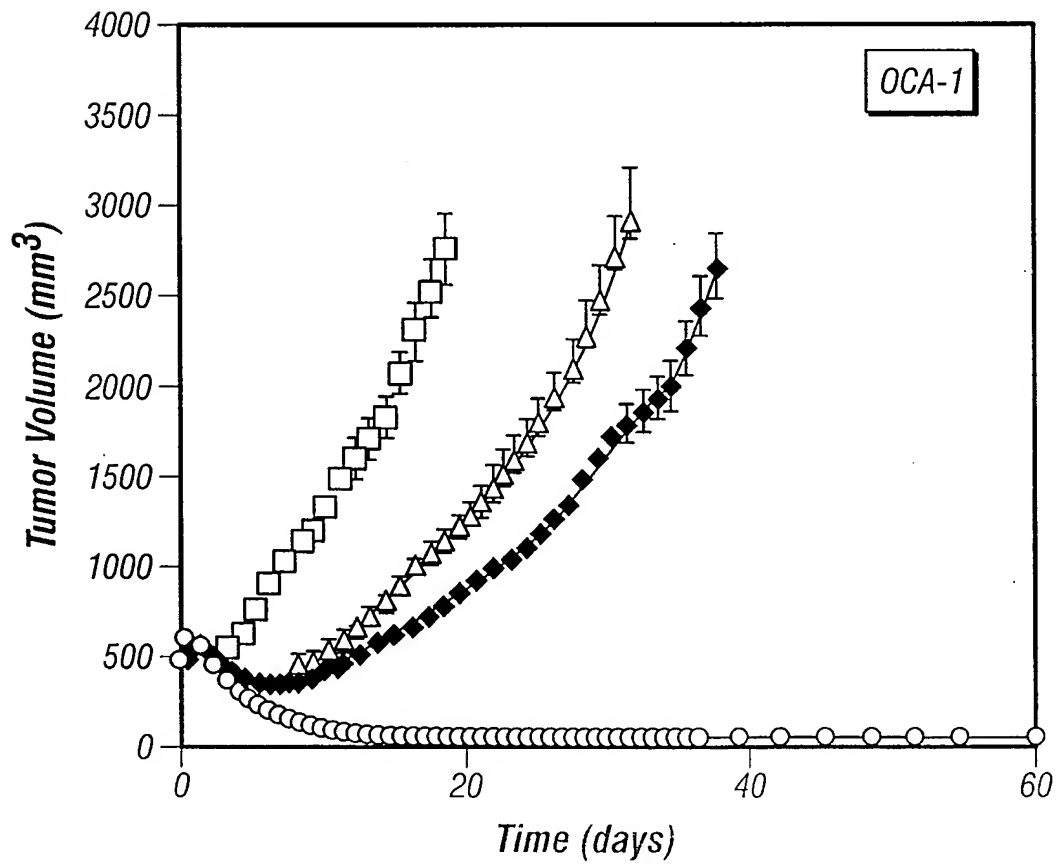


FIG. 11

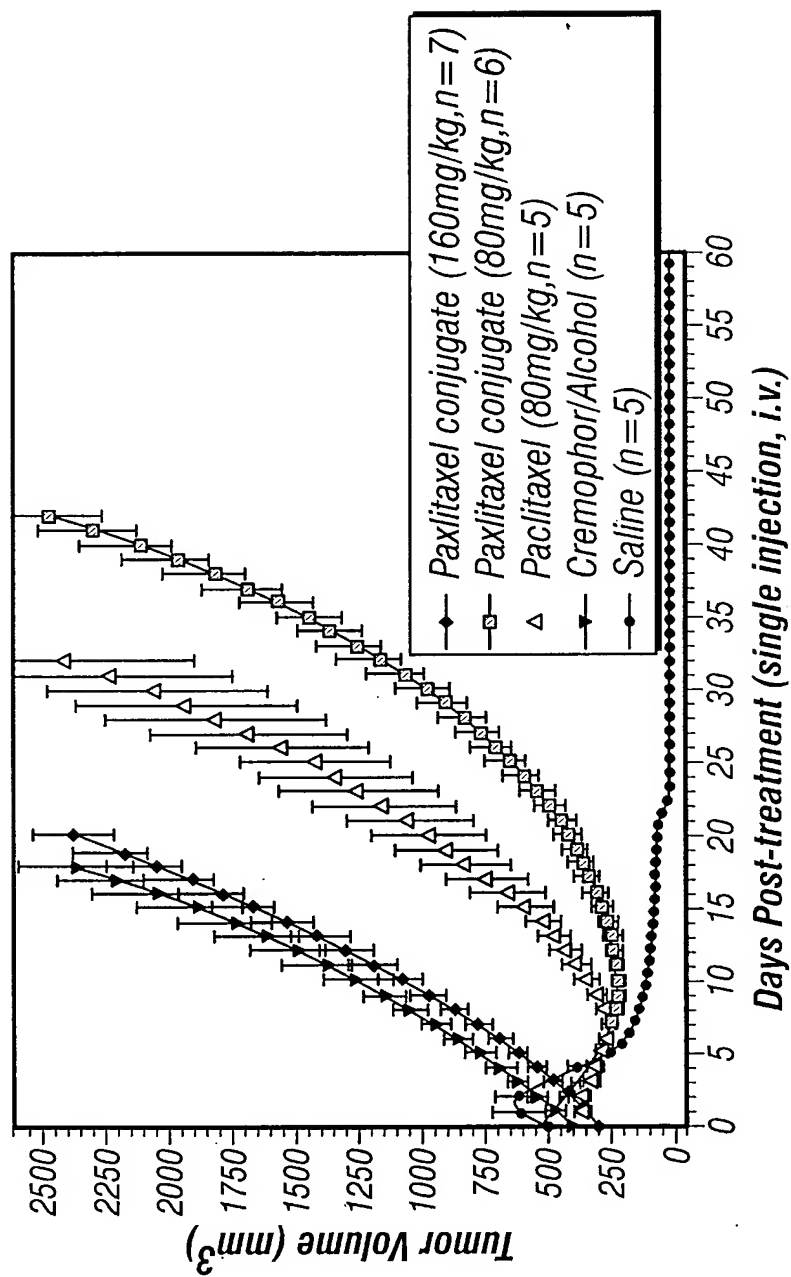


FIG. 10

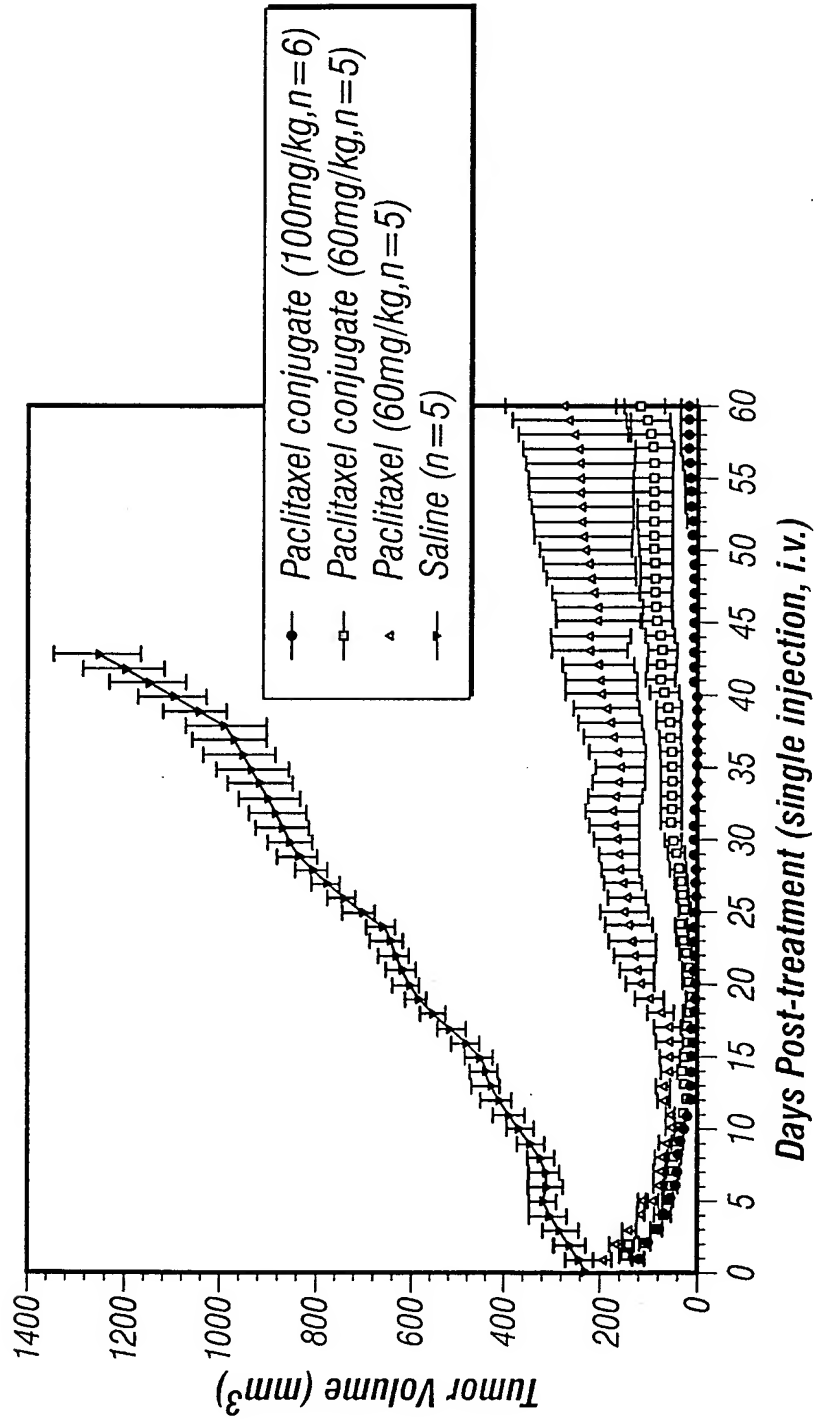


FIG. 12

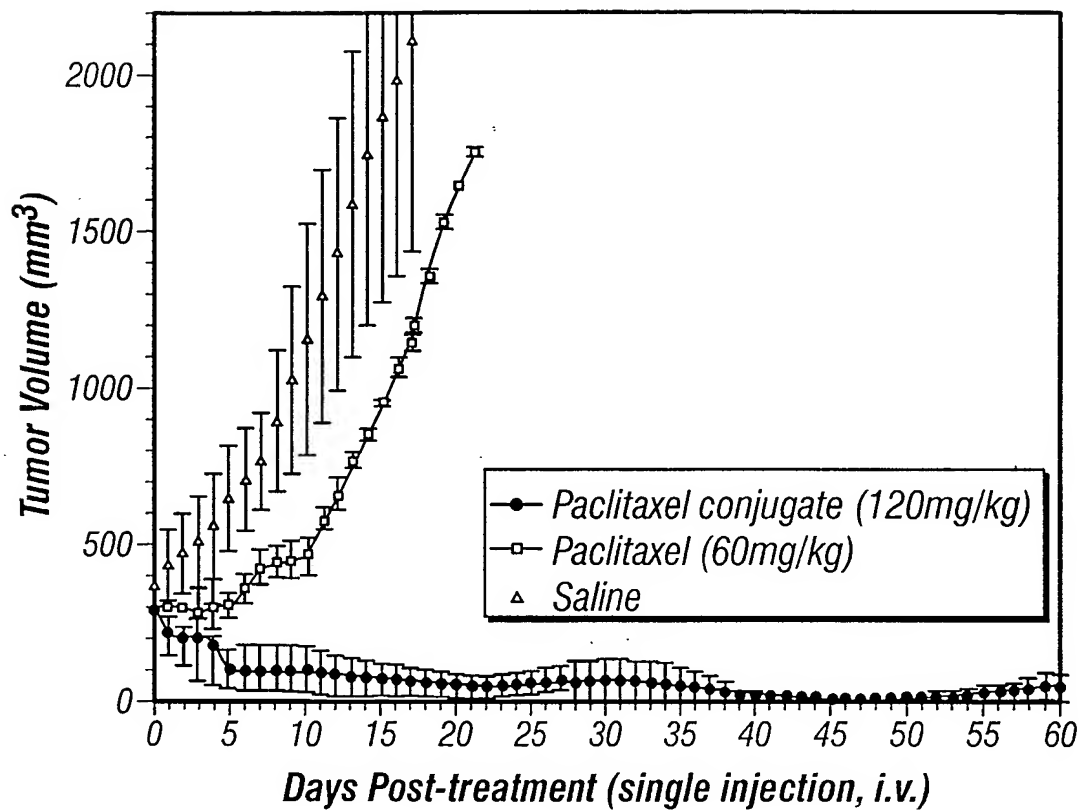


FIG. 13A

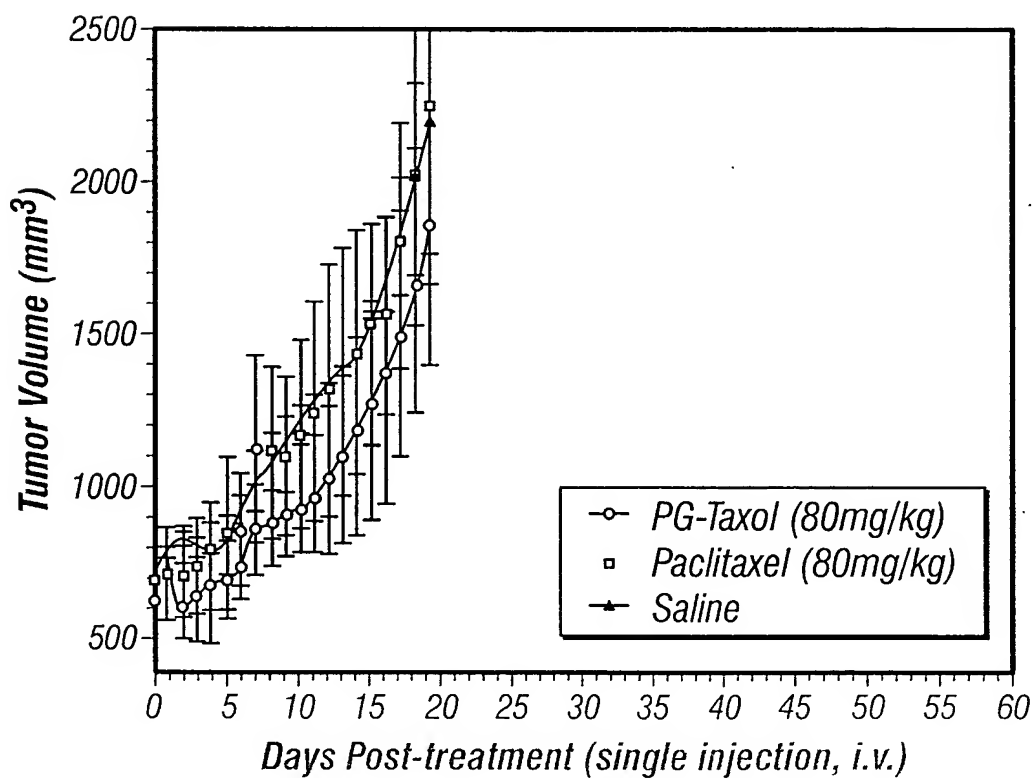


FIG. 13B

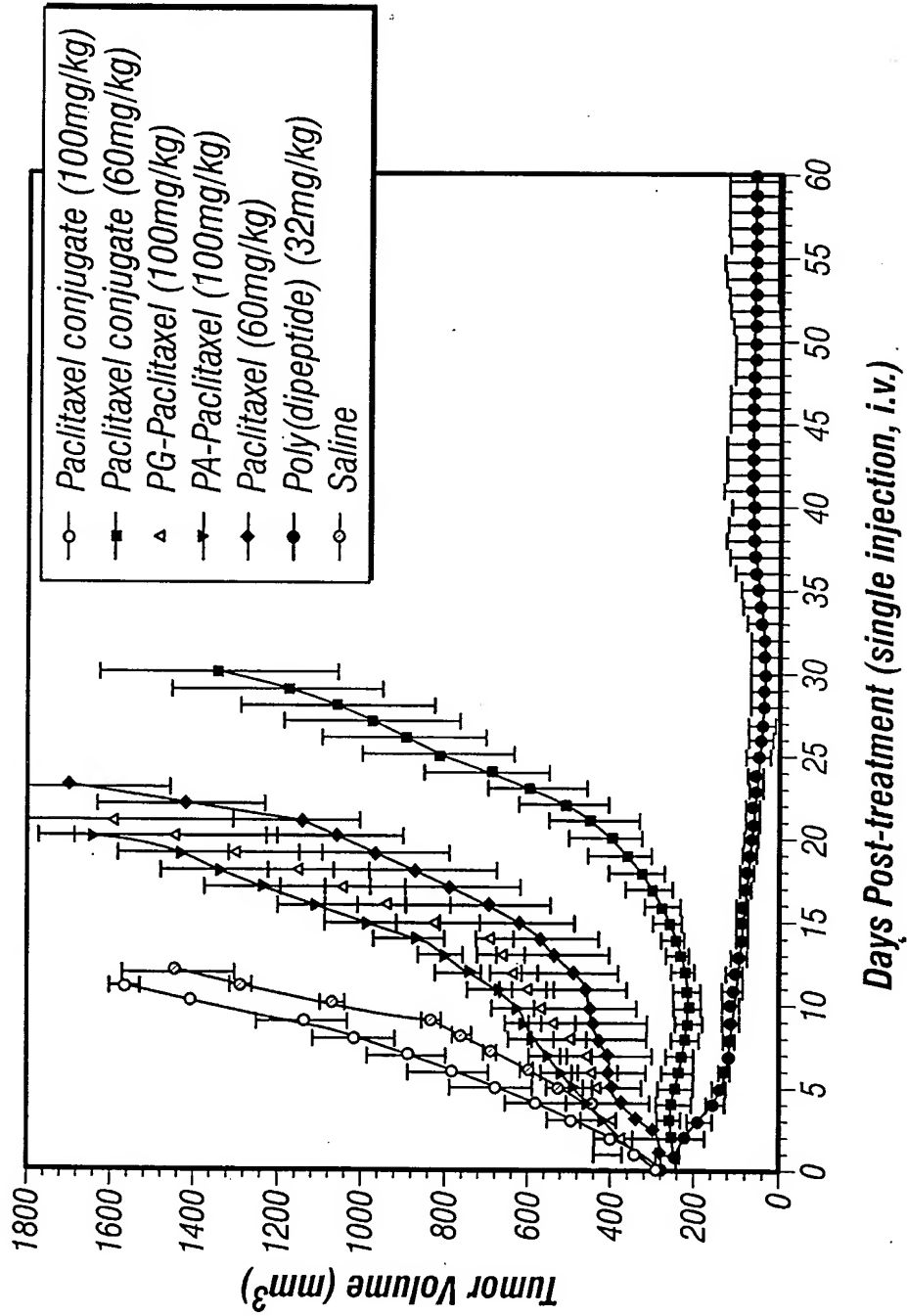


FIG. 14

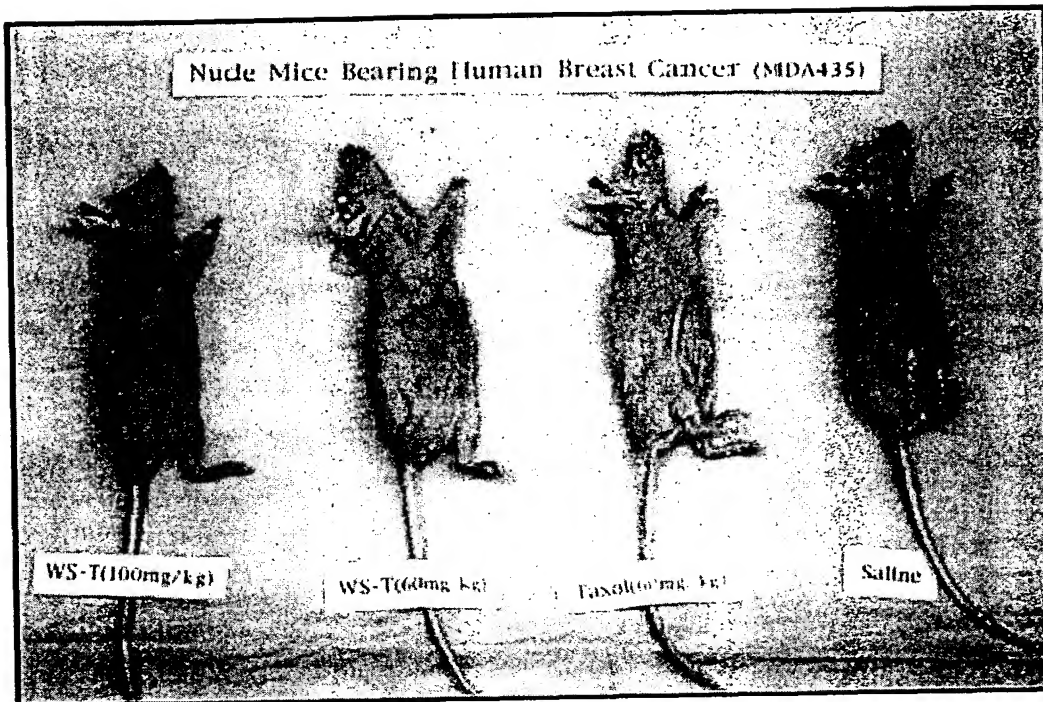


FIG. 15A



FIG. 15B

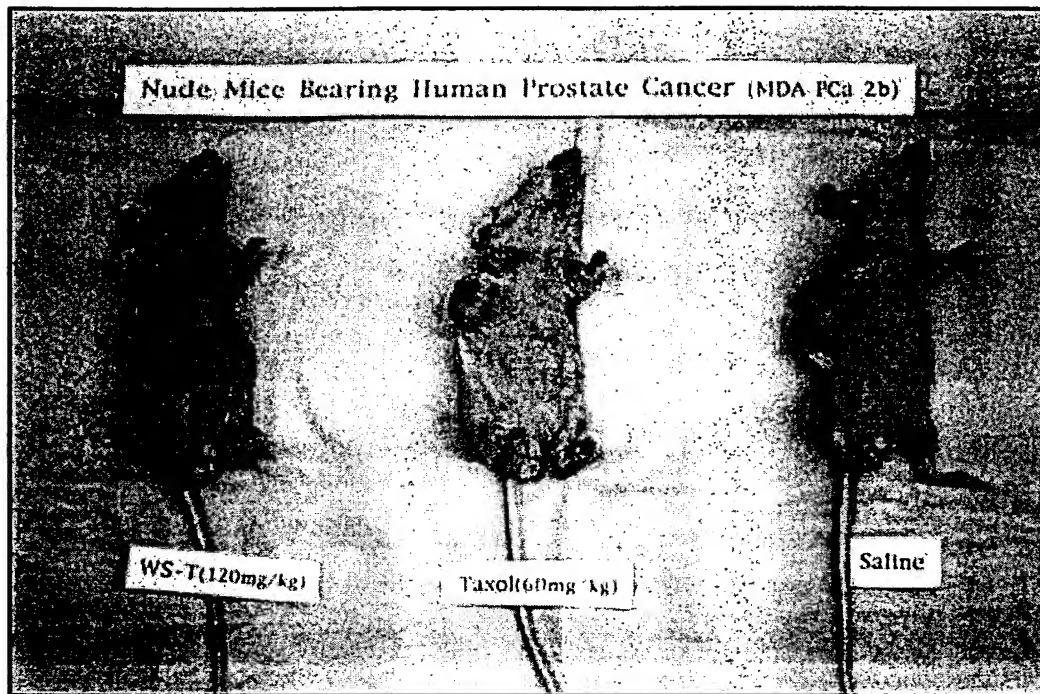


FIG. 16

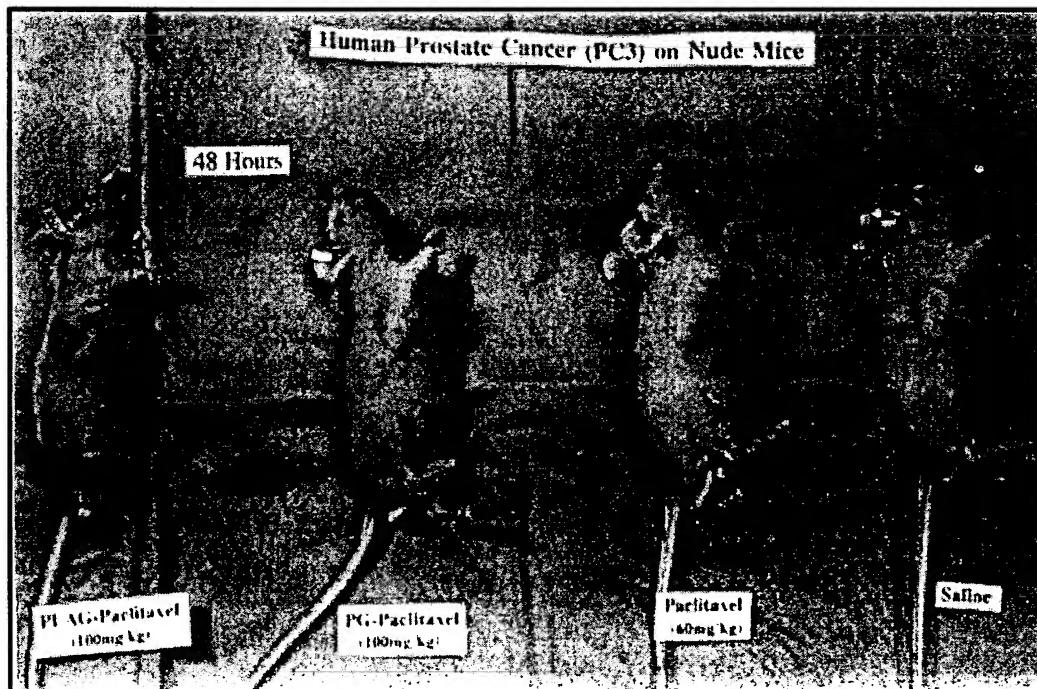


FIG. 17A

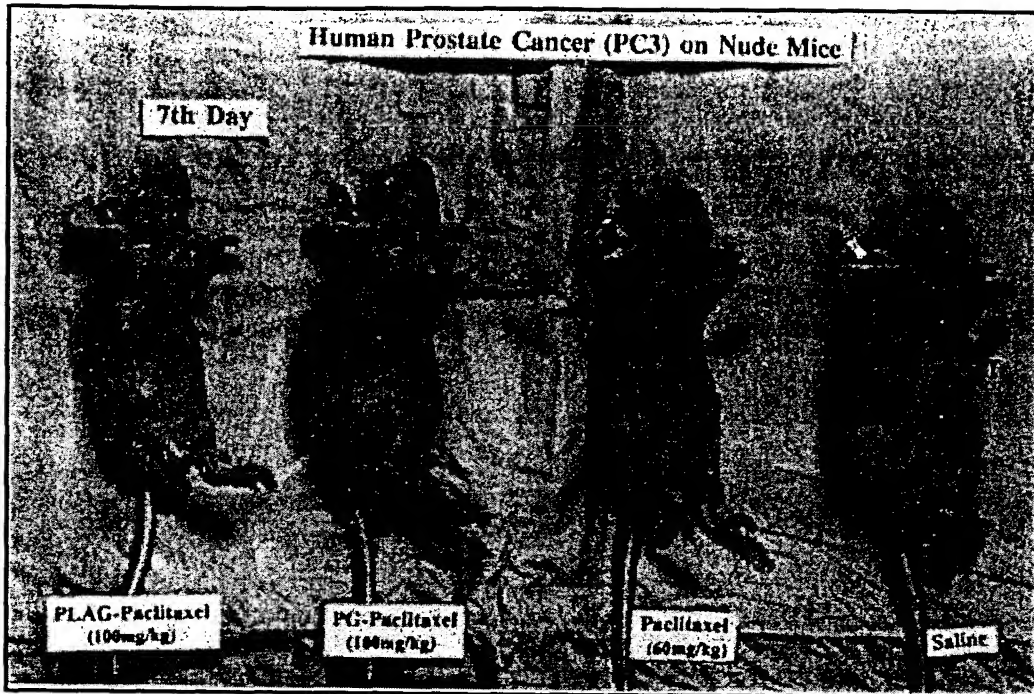


FIG. 17B

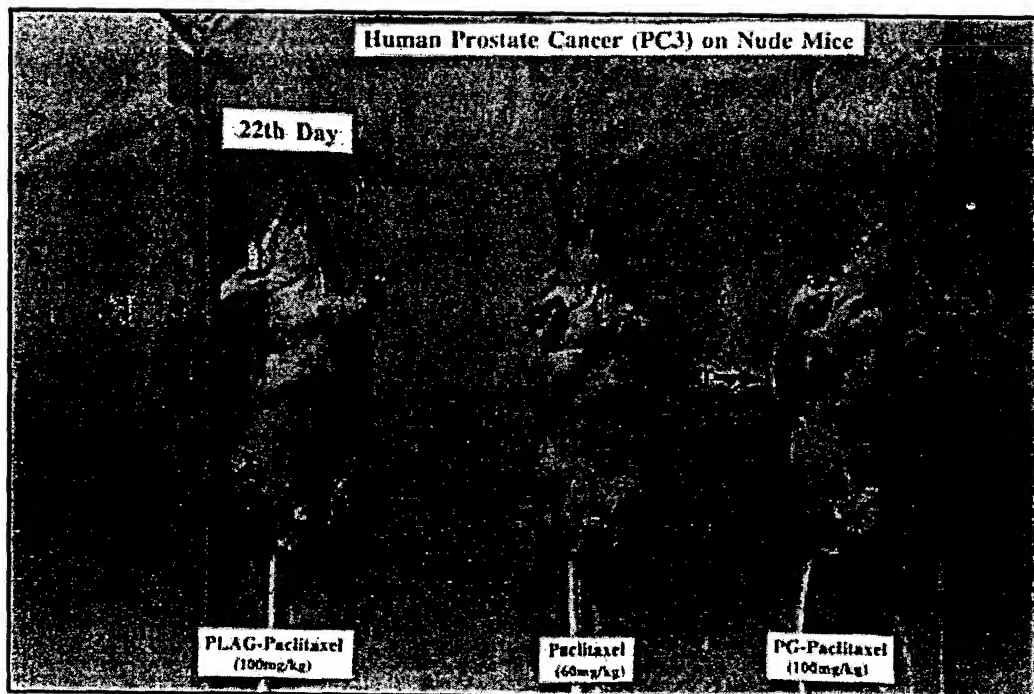


FIG. 17C

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Mol Percent Report

Sample ID: 01902007 (initiated 1/19/99 9:52pm) BASELINE CORRECTED

Turntable Position	: 3 A	Sampling Interval	: 1.0 sec
Data Start	: 3.00 min	Samples In Run	: 72
Data Duration	: 16.00 min	Operator ID	:
Peak Ht Threshold	: 3000 uAU	Int. Std. Amt	: 250 pmol

Calibration File	: 19JANCAL	(initiated 1/20/99 8:48am)
Reference Time	: 0.00 min	(No ISTD Peak Specified)
Reference Offset 1:	0.00 min	
Reference Offset 2:	0.00 min	

Integration Interval : 0.0 to 16.0 min

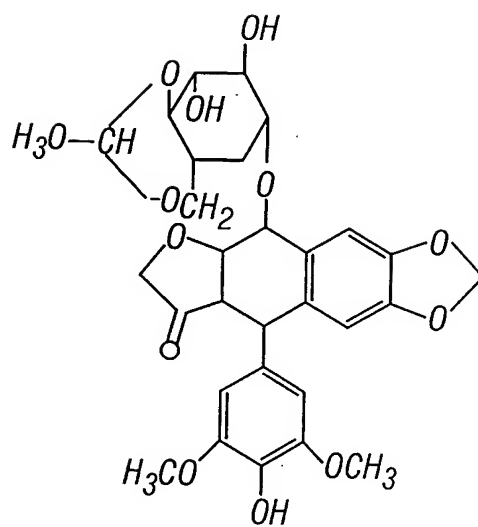
PEAK ID	RET. TIME min	PMOL BY HEIGHT	PMOL correc. INT SYD	MOL %
ASX	2.32	724.75	0.00	38.17
GLX	2.72	1173.96	0.00	61.83

TOTAL PMOLS RECOVERED 1898.71

Minimum Peak Threshold: 3000 uAU (54 peaks below threshold)
(8 peaks found)
(2 peaks matched)

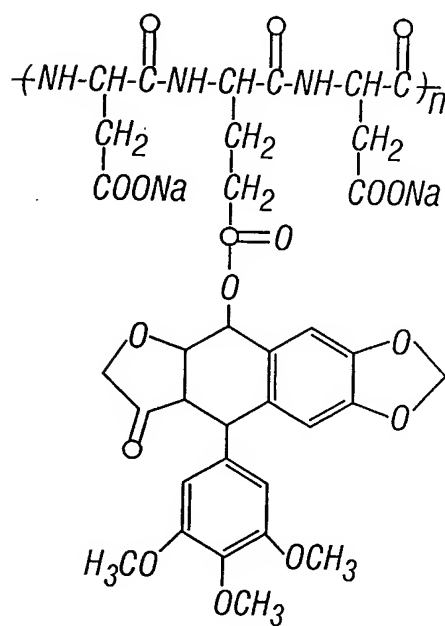
FIG. 18

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Etoposide

FIG. 19A



Poly(G/A)-podophyllotoxin

FIG. 19B

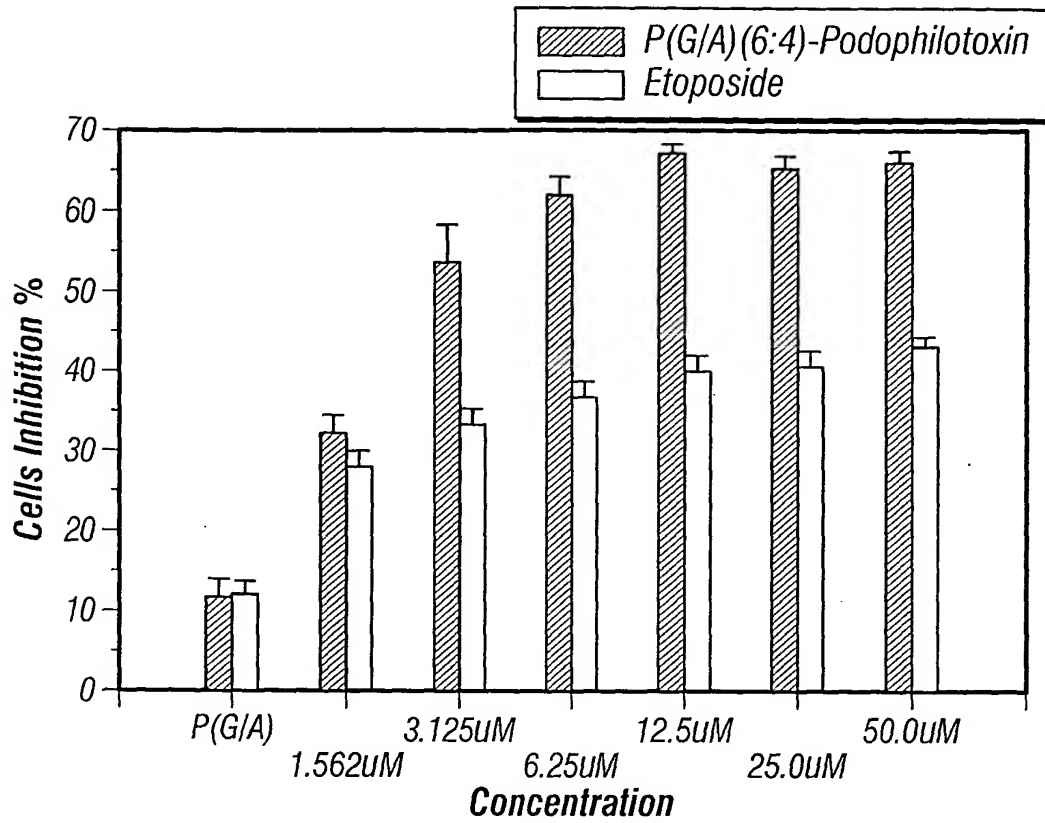


FIG. 20A

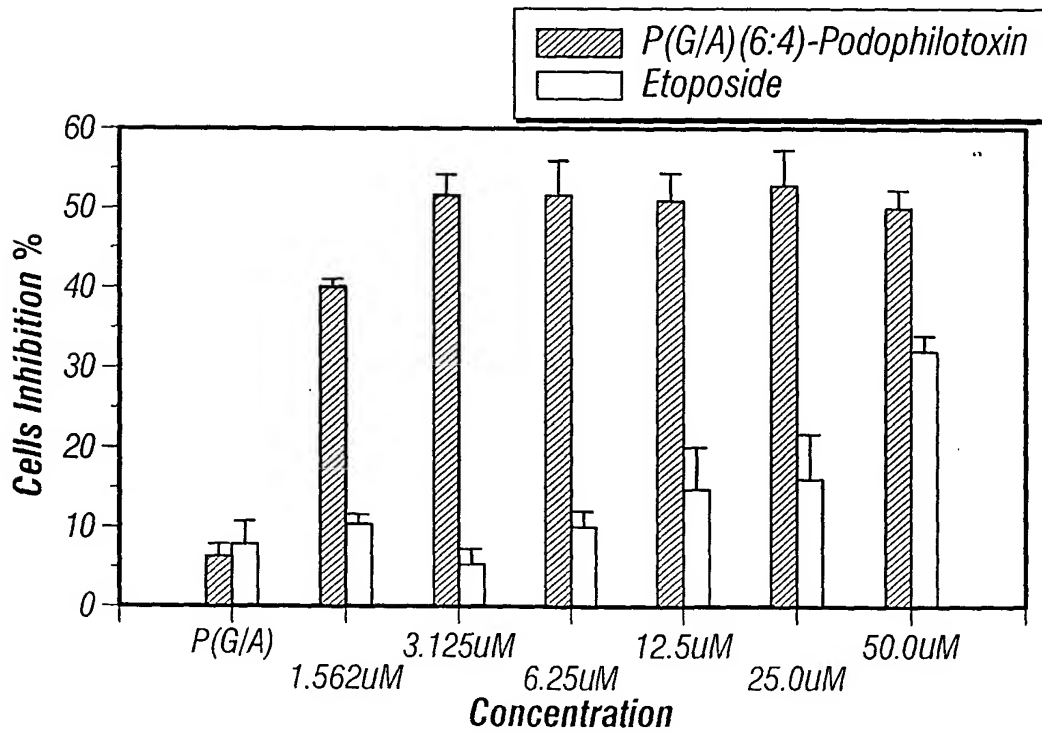


FIG. 20B